

Solar Review Checklist Commercial Photovoltaic System

Submittal Requirements:

A. One Building Permit Application.

B. Four copies of plans to include:

- Roof and site plan with location of PV installation
 - Roof plan and site plan showing location of building in relation to street and property lines.
 - Plan indicating location of major equipment.
 - Array configuration shown on roof plan.
- Structural plans prepared and sealed by a State of Arizona registered engineer for support and uplift of PV panels
 - Mounting details for PV panel installation.
 - Weight of array.
 - Attachment method indicated.
- Electrical one-line and three-line diagram, prepared and sealed by a State of Arizona registered electrical engineer
 - Array wiring size and type.
 - Equipment grounding.
 - Disconnect – DC and AC.
 - Conduit size and type.
 - Clearly indicate all areas where conduit is run on the interior and those areas that are exterior.
 - Inverter specified.
- Notes on one line diagram or roof plan showing location and verbiage of all signs required to be posted in compliance with the 2008 National Electrical Code Article 690 as of July 1, 2011.
- Manufacturer's cut sheets for all components
 - Cut sheets for solar panels.
 - Cut sheets for inverter.
 - Cut sheets for mounting system.
 - Cut sheets for DC combiner (if applicable).

SRP/APS approval is required prior to submitting for a building permit for all grid-tie systems.

Fees are currently \$50 per hour permit/inspection plus 75 cents per page submitted for microfilm. Minimum staff time is 3 hours.